

Misrak Gezmu

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Employment

NATIONAL INSTITUTE OF HEALTH (NIH), National Institute of Allergy and Infectious Diseases (NIAID), Biostatistics Research Branch (BRB), Bethesda, MD.

Mathematical Statistician, Program Officer, Sep1998- Present.

Responsibilities: Provide Statistical Consultation of biomedical studies for NIAID staff. Review Clinical Trial Protocols for AIDS clinical trial and AIDS vaccine trial and prevention studies.

Program Officer for handling the Biostatistics Research Branch grant portfolio.

NORFOLK STATE UNIVERSITY, Department of Decision Sciences, Norfolk, VA.
Assistant Professor, Sep1993- June 1998.

Responsibilities: Teaching, Student advising, and participating in departmental as well as School committees.

Courses taught: Business Statistics, Data Processing and Management Sciences.

NATIONAL AERONAUTIC AND SPACE ADMINISTRATIONS (NASA), Laboratory for Terrestrial Physics, Biospheric Sciences, Greenbelt, MD.

Summer Faculty Fellow, May 97 -August 97, May-98-August 98.

Responsibilities: Statistical Modeling for Calibration Coefficients on Advanced Very High-Resolution Radiometer (AVHRR) data.

THE AMERICAN UNIVERSITY, Department of Mathematics and Statistics, Washington DC.

Adjunct Faculty and Instructor: 1988-1993.

Responsibilities: Teaching, student advising, and administering the Mathematics competency exam for the University.

Courses taught: Statistical methods, basic statistics, applied calculus, finite mathematics and algebra.

THE UNIVERSITY OF DISTRICT OF COLUMBIA, Mathematics Department, Washington DC.

Adjunct Faculty, 1990-1993.

Responsibilities: Teaching and student advising.

Courses taught: Calculus, finite mathematics and algebra.

PORTLAND STATE UNIVERSITY, Mathematics Department, Portland, Or

Teaching Assistant and Adjunct Faculty: 1984-1988

Responsibilities: Teaching, student advising and statistical consulting.
Courses taught: Statistics, Calculus and Algebra.

ETHIOPIAN METEOROLOGY SERVICES, Addis Ababa, Ethiopia
Assistant Meteorologist, 1981-1982

Responsibilities: Analyzed weather data and gave statistical forecasts of future weather. Lecturer for forecasting students in statistics.

Education

THE AMERICAN UNIVERSITY, Washington DC.
Ph.D., Statistics 1996.

PORTLAND STATE UNIVERSITY, Portland OR
M.Sc., Mathematics 1988.
B.Sc. Computer Science 1988.

ADDIS ABABA UNIVERSITY, Addis Ababa, Ethiopia
B.Sc. Mathematics 1980

Fellowships, Certificates and awards

Summer Faculty Fellow

NASA, Laboratory for Terrestrial Physics, Biospheric Sciences, Greenbelt, MD.
Summer Faculty Fellow, May 97 -August 97, May 98-August 98

Responsibilities: Analysis of Weather Satellite data. Statistical Modeling for Calibration Coefficients on Advanced Very High-Resolution Radiometer (AVHRR) data (Weather Satellite data).

Certificate

Goddard and NASA's research, development and education programs during the summer of 1997 and 1998.

Award:

THE AMERICAN UNIVERSITY, Washington DC.
Teaching merit award 1992-1993.

Computer Skills

Language: FORTRAN, C, Pascal, COBOL and Basic.

Softwares: S-PLUS, GAUSS, SAS, SPSS, ISP, Matlab, Mathematica, and others.

Operating Systems: DOS, Windows, Window NT and UNIX.

Professional Membership and service

American Statistical Association,
Chair, Continuing education, Biometric section 2004-2005.

Caucus for Women in Statistics.

The International Biometrics Society (ENAR).